Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 01 May 2023 until 23:59 on Tuesday 02 May 2023

Forecast Issued on Monday 01 May 2023 at 03:16

Confidence: High confidence for settled, drier and warmer conditions this week. Uncertainty in regards to the timing and transition to unsettled and wetter conditions on Thursday and Friday.

Headline for Monday 01 May 2023: Cloudy morning with outbreaks of showery rain or drizzle. Brighter through the afternoon, especially later.

Mountain weather hazards on Monday 01 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Fog	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
40%	30%	40%	20%	<05%	<05%

Forecast for Monday 01 May 2023

Weather: Low cloud with outbreaks of patchy light rain and drizzle will affect the Peaks Monday morning, with some slow-moving showers pushing across southern ranges around dawn. Bright spells developing by late-morning, with a few isolated showers forming. Outside chance of some locally heavy or thundery downpours. Widely drier and brighter by late-afternoon. Feeling warm in the sunshine, especially in sheltered valleys and south facing slopes. Remaining fine and dry into the evening period. Increasingly cloudy overnight.

Chance of cloud-free hill tops above 600m: 40%, gradually improving to above 80% by the afternoon.

Low cloud and visibility: Areas of low cloud this morning with bases down to around 500m. Cloud gradually lifting, thinning and breaking, with bases clearing the summits by early afternoon. Visibility may be moderate in early showers and very poor away from cloud in any drizzle. Otherwise good or very good, with distant hills visible by the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 01 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 W	12/15 W	17/23 NW	16/22 W	13/18 NW	10/15 NE	10/14 E
300	10/13 W	10/12 NW	15/21 NW	14/22 NW	11/18 NW	9/14 NE	8/14 E
Valley	7/13 W	7/12 NW	11/21 NW	12/22 NW	10/19 NW	7/14 NE	9/16 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	7/4	8/5	9/6	8/5	5/1	4/0
300	9/6	9/7	11/8	12/9	11/8	8/5	6/4
Valley	9/8	10/9	12/10	13/11	12/10	8/6	7/5
Freezing Level*	1600m	1600m	1700m	1700m	1700m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Waterproofs may become soaked for a while this morning and some surfaces are likely to be slippery. Spells of strong sunshine developing in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 01 May 2023	2mm	2mm	3.4mm

Forecast for Tuesday 02 May 2023

Weather: Chilly start under any clear skies. An area of thick cloud is expected to push southwards across the Park overnight bringing patchy light rain and drizzle. A dull and widely cloudy morning follows, gradually brightening up to give a dry afternoon with bright or sunny spells. Plenty of late-sunshine as cloud dissipates.

Maximum wind: East to southeasterly 10-15mph.

Chance of cloud-free hill tops above 600m: 80%, mainly across northern and eastern facing slopes initially, soon improving to 100%.

Low cloud and visibility: Chance of bases lowering to around 500m as the band pushes south across the Park in the early hours. However, cloud bases are expected to largely remain above the summits. Visibility mostly very good, with good views of distant hills later. Chance of poor visibility in outbreaks of early drizzle.

Temperature: **Valleys:** Plus 6 Celsius, becoming Plus 14 Celsius.
At 600m: Plus 3 Celsius, becoming Plus 10 Celsius.
Freezing level: Above the summits.

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